



भारत का राजपत्र The Gazette of India

प्राधिकार से प्रकाशित
PUBLISHED BY AUTHORITY

सं० 12]

नई दिल्ली, शनिवार, मार्च 24, 1973 (चैत्र 3, 1894)

No. 12]

NEW DELHI, SATURDAY, MARCH 24, 1973 (CHAITRA 3, 1894)

इस भाग में निम्न पृष्ठ संख्या दी जाती है जिससे कि यह अलग संकलन के रूप में रखा जा सके
(Separate paging is given to this Part in order that it may be filed as a separate compilation)

भाग III—खण्ड 2

PART III—SECTION 2

पेटेंट कार्यालय द्वारा जारी की गई पेटेंटों और डिजाइनों से सम्बन्धित अधिसूचनाएं और नोटिस

Notifications and Notices issued by the Patent Office relating to Patents and Designs

THE PATENT OFFICE

Patents and Designs

Calcutta, the 24th March 1973

CORRIGENDUM

In the gazette of India, Part III, Section 2, dated the 23rd September 1972 in page 390, column 2 under the heading "Complete Specifications accepted".

For No. 131981

Read No. 131891.

The dates shown in crescent brackets are the dates claimed under Section 135 of the Act.

Application for Patents filed at the Head Office

3rd March 1973

- 473/Cal/73. J. H. Mercier. Accumulator with bonded steel belt.
- 474/Cal/73. Societe Nationale Des Poudres Et. Explosifs. Solid fuel rocket engine.
- 475/Cal/73. The Anaconda Company. Recovery of metals.
- 476/Cal/73. Rexor India Ltd. Process for the manufacture of lacquered synthstic films in the form of sheets.
- 477/Cal/73. V. Ram and S. K. Bali. Improvement in or relating to expanding gauge for varying diameters of bore holes.
- 478/Cal/73. G. Stahl. Reciprocating stratified charge internal combustion engine and mixture formation process.

517GI/72

5th March 1973

- 479/Cal/73. The Lucas Electrical Company Limited. Lamp reflectors. (17th March 1972).
- 480/Cal/73. The Lucas Electrical Company Limited. Electrical switch. (18th March 1972).
- 481/Cal/73. W. M. B. Fitzgerald. Improvements relating to power units.
- 482/Cal/73. Metallgesellschaft Aktiengesellschaft. Process of producing sponge iron.
- 483/Cal/73. Mrs. Arunima Gupta. Improvements in or relating to voltage regulators and cut-outs.
- 484/Cal/73. International Nickel Limited. Protective coatings for metals.
- 485/Cal/73. Controls and Switchgear Company. Improvement in or relating to line up terminals.

6th March 1973

- 486/Cal/73. I. Rishiraj. Lateral pressure device for soil and rock testing.
- 487/Cal/73. Dvelopment Consultants Private Limited. Improvements in or relating to valves.
- 488/Cal/73. American Home Products Corporation. Intermediate, for producing semi-synthetic penicillins and methods of production. (22nd March 1972).
- 489/Cal/73. The Anaconda Company. Recovery of nickel.
- 490/Cal/73. Bayer Aktiengesellschaft. Polyazo dyestuffs.
- 491/Cal/73. Pains-Wessex Limited. Improvements in and relating to pyrotechnic signal devices. (6th March 1972).
- 492/Cal/73. Lonza Ltd. Process for the preparation of succinylsuccinic acid diesters.

- 493/Cal/73. Lonza Ltd. Process for the preparation of succinylsuccinic acid diesters.
- 494/Cal/73. Cassella Farbwerke Mainkur Aktiengesellschaft. Water-insoluble monoazo dyestuffs.
- 495/Cal/73. Československa Komise Pro Atomovon Energii. Method of separation of fission and corrosion products and of corresponding isotopes from liquid waste.
- 496/Cal/73. M. M. Suri & Associates (P) Ltd. A process for the production of electrolytic manganese dioxide.
- 497/Cal/73. Naremeo Inc. Prevention of fungi and molds in poultry and animal feedstuffs.
- 498/Cal/73. Institutul De Cercetari Si Proiectari Alimentare. Multicell precompressed strictures for silos, bunkers, tanks and procedure for their realization.

7th March 1973

- 499/Cal/73. A. R. Ramachandran and S.A.R. Navakodi. Fuse tape for fuse changer.
- 500/Cal/73. Standard Telephones and Cables Limited. Electric cable tester. (18th May 1972).
- 501/Cal/73. Emhart Corporation. Sequence Detector circuit.
- 502/Cal/73. Badische Anilin- & Soda-Fabrik Aktiengesellschaft. Azo dyes having 2, 6-diaminopyridine derivatives as coupling compounds.
- 503/Cal/73. The Lucas Electrical Company Limited. A method of manufacturing a steel component having a head part and a hollow shank part. (28th March 1972).
- 504/Cal/73. Uss Engineers and Consultants, Inc. Water inlet construction for continuous-casting molds.
- 505/Cal/73. The Goodyear Tire & Rubber Company. Improvements in tire building drum. [Addition to No. 133692].

8th March 1973

- 506/Cal/73. Ruti Machinery Works Ltd. Nozzle for producing a fluid jet.
- 507/Cal/73. Bennes Marrel. Advancing support device for coal and ore extraction works.
- 508/Cal/73. Colgate-Palmolive Company. Flavored dentifrice.
- 509/Cal/73. Halcon International, Inc. Process for the preparation of polyethylene terephthalate. [Divisional date 28th May 1971].
- 510/Cal/73. T. W. Garlick. Continuous casting. (10th March 1972).
- 511/Cal/73. M. R. Pad. Oscillating furniture and playthings.
- 512/Cal/73. Tsentralny Nauchno-Issledovatel'sky Institut Tekhnologii Mashinostroenia. Material for welding parts in steel.
- 513/Cal/73. Politechnika Warszawska. Method of producing thin magnetic layers on a metal conductor.
- 514/Cal/73. Diamond Shamrock Corporation. Control of electrolyte concentrations in membrane cells.
- 515/Cal/73. S. S. Satsangi. Polymers.

9th March 1973

- 516/Cal/73. Council of Scientific and Industrial Research. Improvements in or relating to rust and scale removing jelly.
- 517/Cal/73. Jack Blackburn. Method and apparatus for growing grass. (7th March 1972).

- 518/Cal/73. A/S Ardal og Sunndal Verk. Method of producing a weldable and ageable aluminium alloy of great strength.
- 519/Cal/73. Shell Internationale Research Maatschappij B. V. Improved catalysts. [Addition to No. 132782].
- 520/Cal/73. Imperial Chemical Industries Limited. Electrodes for electrochemical processes. (9th March 1972).
- 521/Cal/73. John Wyeth & Brother Limited. 4-aminoquinoline derivatives. (10th March 1972).
- 522/Cal/73. Porvair Limited. Improvements in or relating to polyurethanes sheet stabilized against hydrolysis. [Divisional date 9th December 1970].
- 523/Cal/73. Metallgesellschaft A. G. Pyrometallurgical process of treating solids.
- 524/Cal/73. H. S. Gill. A reaper.
- 525/Cal/73. American Hospital Supply Corporation. Mixing column for medical humidifier and method of humidifying inhalable gases.
- 526/Cal/73. Unigate Limited. Electrode construction. (9th March 1972).
- 527/Cal/73. F. Hoffmann-La Roche & Co. Aktiengesellschaft. Phenyl derivatives.
- 528/Cal/73. Dr. H.-J. Lindemann. Electrocoagulation grasping forceps for tube sterilization by means of bipolar high frequency heat radiation.
- 529/Cal/73. Dr. H.-J. Lindemann. Electrocoagulation bougie for the intrauterine tube sterilization.

Application for Patents Filed at the Patent Office
(Bombay Branch)

28th February 1973

- 72/Bom/73. S. S. Mehendale. Concrete block with hollow core.
- 73/Bom/73. C. A. Norgren Co. Coupling unit for fluid control components.
- 74/Bom/73. C. A. Norgren Co. Bowl guard connector.
- 75/Bom/73. Mrs. Pushpamala Yashawantrao Jadhav. Improvements in hand-brake and similar auxiliary braking systems in power-driven vehicles.

Application for Patents Filed at the Patent Office
(Madras Branch)

1st March 1973

- 27/Mas/73. S. Parthasarathy. Improvements in or relating to containers.
- 28/Mas/73. S. Parthasarathy. Improvements in or relating to packaging of articles.

2nd March 1973

- 29/Mas/73. Mrs. Aruna Kothari. Improved type of 4-B. Picker for textile machinery.
- 30/Mas/73. P. G. Solomon. Animark (line stock taltoo paste).

Complete Specifications Accepted

Notice is hereby given that all persons interested in opposing the grant of patent on any of the applications concerned, may at any time within four months of the date of this Gazette of India or within such further period not exceeding one month applied for in Form 14 of the Patents Rules, 1972 before the expiry of the said period of four months give notice to the Controller of Patents in the prescribed Form 15 of the Patents Rules, 1972, of such opposition. The written statement of opposition should be filed along with the said notice or within one month of its date as prescribed in Rule 36 of the Patents Rules, 1972.

A limited number of printed copies of the specification in the following list will be available for sale from the Government of India Book Depot, 8, Kiron Sankar Roy Road, Calcutta in due course. The price of each specification is Rs. 2/- (postage extra, if sent out of India). Requisition for the supply of the printed specification should be accompanied by the number of the specifications as shown in the following list.

The required typed copies of the specifications together with copies of the drawings, if any, can be supplied by Patent Office on payment of the necessary charges which may be ascertained on application to this office.

The date shown in Crescent brackets are dates allowed under Section 135 of the Act.

80003. F. Hoffmann-La Roche & Co. Aktiengesellschaft. Novel ethers and process for the manufacture thereof.

reacting α - γ -dihydroxy- β , β —dimethylbutyrolactone with an amine.

106434. Parke, Davis & Company. Process for the production of N-sulfamylcytosine compounds.

Process for the production of an N-sulfamylcytosine compound and pharmaceutically acceptable salts thereof characterized in that an acylated N-sulfamylcytosine compound is hydrolyzed.

114356. Chas. Pfizer & Co., Inc. Process for producing α -6-deoxytetracyclines.

Introducing hydrogen into a reaction inert medium containing a tetracycline and a catalytic amount of a noble metal catalyst poisoned inter alia with quinoline sulfur.

117743. Bayer Aktiengesellschaft, formerly known as Farbfabriken Bayer Aktiengesellschaft. 2-methyl-3-amidino-quinoxaline-di-N-oxides-(1.4) Substituted on the amidine nitrogen.

Comprises reacting a 2-methyl 3-cyano-quinoxaline-1, 4-di-N-oxide with hydrozine a hydroxylamine in a solvent at 10-80°C.

127956. Council of Scientific and Industrial Research. Improvements in or relating to production of lead powder by direct reduction of lead compounds and/or of active material obtained from discarded or spent lead acid battery plates.

Comprises direct electrochemical reduction of the compounds kept as a sediment on a lead, mild steel, nickel, nickel plated mild steel, stainless steel or lead lined container, preferably lead or lead lined container as cathode with an alkali hydroxide of sodium, potassium or lithium as electrolyte and using an anode of perforated sheet or wire mesh of lead, mild steel, nickel, nickel plated mild steel immersed in electrolyte but above the bed of sedimentation.

129055. Council of Scientific & Industrial Research. A process for making membrane filters (designated by us as "membrane filter b") for microfiltration of bacteria which exceed in dimension of the filter pore size.

Consists in preparing a jelly by dissolving cellulose nitrate in a solvent mixture and spreading the jelly on a plane surface to form a membrane filter.

129125. Imperial Chemical Industries Limited. Synergistic stabilised aliphatic hydrocarbon compositions. (17th December 1969).

Comprises chlorinated aliphatic hydrocarbon, magnesium oxide, a tertiary organic phosphite and a polyol.

129469. Council of Scientific and Industrial Research. Thin-layer chromatography plaster from mineral gypsum.

Comprises (i) washing gypsum with water, (ii) crushing, grinding and sieving to get fineness of 104 microns, (iii) conditioning the pulp in water containing sodium oleate, (iv) flotation of the material by means of aeration with compressed air, (v) washing and treatment with hydrochloric acid and sulphuric acid, (vi) washing and treatment with organic solvent and then (vii) washing, dewatering drying and pulverizing.

129517. Bayer Aktiengesellschaft, formerly known as Farbfabriken Bayer Aktiengesellschaft. Process for the manufacture of stilbene compounds.

Characterized by reacting cyanuril chloride with sodium sulphamilate and then with 4, 4'-diaminostilbene-2, 2'-disulphonic acid followed by reacting the product so obtained with n-butylmecaptan.

129525. K. Yamasita and Z. Yamasita. A method for manufacturing concrete blocks having a rough decorative surface.

Filling a mold with a first layer of a material using ground or man made gravel and second layers of a material which is gravel or man-made gravel, one on each side of the first layer for forming the blocks proper, allowing the materials of adjoining layers harden to form a slab, removing the slab from the mold and splitting the slab by passing a blade through the first layer.

129648. Schlumberger Overseas, S.A. Apparatus for investigating earth formations.

Characterised by means for producing signals means for combining data representative of said signature means for obtaining two or more indications characteristic of the earth formation.

129652. Girling Limited. Improvements in or relating to vehicle shoe drum brakes. (24th December 1969).

Comprising a brake lining component having slots to co-operate with the projections of brake shoe plat form and carrying means to lock the lining component with the shoe.

129700. N. V. Philips' Gloeilampenfabrieken. Improvements in and relating to methods of manufacturing insulated gate field effect transistors. (24th December 1969).

Characterised in that the conditions of ion bombardment, the gate electrode structure and the source and drain metal layer parts are such that ions do not penetrate to the surface part below the gate electrode layer which part is marked by the gate electrode layer and underlying insulating material and implantation of ions is effected in the adjoining surface parts on opposite sides including the surface parts below the source and drain metal layer parts in the openings by penetration of those metal layer parts by the ions so that source and drain surface regions of the opposite conductivity type are wholly defined by implantation.

129786. Fmc Corporation. Heat sterilized, stable aqueous dairy drink.

Consisting of 75% by weight of water, an edible substance selected from the group consisting of cocoa, fats, fatty oils, and mixtures thereof and a stabilizer consisting of finely divided, water insoluble organic particles, at least 90% of the particles consisting of β -1, 4 glucan and the remainder of water insoluble material.

129926. Laporte Industries Limited. Process for treating oxide pigments. (15th January 1970).

Comprises coating the pigment with one or more substances selected from hydroxides, hydrous oxides, phosphates and basic phosphates and subjecting the coated pigment to hydrothermal pressure treatment in the presence of water at suitable temperature and pressure.

130072. The Lubrizol Corporation. High molecular weight maleic and fumaric acid esters and lubricants and fuels containing the same.

Process for preparing esters of maleic and/or fumaric acids comprising reacting of the product substituted maleic or fumaric acid acylating compounds or reacting product of an ethylenically unsaturated compound with a chloro or bromo substituted maleic or fumaric acid compound, with mono and/or polyhydric alcohols or alkylene oxides.

130131. Mrs. Nirmala Mathuradas Sangani and M. M. Sangani Device for slicing cheese as marketed in round containers.

Comprising a slicing means and a carrier member r, v therefor, the slicing means being adapted to be rotated in a plane parallel to the cheese surface and to be rotated in a plane parallel to the cheese surface.

130430. Colgate-Palmolive Company. Cleaning compositions adapted for shampooing carpets and the like and process for preparing such compositions.

Comprising a water soluble organic surface active agent, a higher aliphatic, fatty alcohol and a finely divided water insoluble siliceous material in an aqueous medium.

130463. Eastman Kodak Company. Photographic bleach fixing compositions.

Comprising (a) a water soluble silver bleaching agent and an anion comprising Fe III complexed with polyfunctional ligand (b) a water soluble secondary legand and (c) if not provided by (d) a water soluble silver halide fixing agent.

130552. Council of Scientific and Industrial Research. A microreactor of new design for reaction gas chromatography, incorporating dual channels.

Comprises of precolumn type microreactor provided with sample injection parts and gas inlets, each bearing a sample injection part and gas inlet one containing reacting material or catalyst coated cover a size graded support and the other containing the support only and the two channels being connected together at the lower ends making a common exit to the analysing gas-chromatographic column.

130579. British Soya Products Limited. A process for the production of edible vegetable protein products. (16th March 1970).

Preparing a mixture of vegetable proteinaceous material, a conditioning agent and water to the consistency of fine damp crumb, forming the desired shape and causing coagulation of the crumb.

130588. Cotton, Incorporated. Process for treating cellulosic fiber containing material.

Comprises applying to the material a solution comprising polymer-forming compound possessing reactive N-methylolgroups, exposing the material while swollen by moisture at 80°C to a reactive atmosphere comprising formaldehyde vapour and a gaseous acid, applying to the material a latent solid curing catalyst and drying.

130591. Continental Oil Company. Apparatus for plating aluminum on wire.

Comprising a bath of liquid plating solution, means forming heating zone in a portion of travel of elongated metal member in bath to deposit the plating metal, means for displacing plating solution from around entry end of metal member in the entry end of heating zone with inert gas.

130603. Imperial Chemical Industries Limited. Process for the manufacture of decorative floorings and decorative floorings so produced. (18th March 1970).

Comprises applying to the area over which the flooring is to be laid composition having a hydraulic cement, a filler in the form of fragments or coarse particles, water and an organic polyacrylate allowing the composition to harden and then grinding.

130738. Imperial Chemical Industries Limited. Manufacture of 1, 1'-disubstituted-4, 4'-bipyridylum salts. (3rd April 1970). [Addition to No. 121906].

Process for the manufacture of a 1, 1'-disubstituted 4, 4'-bipyridylum salt which comprises reacting a N-substituted pyridinium salt with hydrogen cyanide under basic conditions and subsequently oxidising the resulting interaction product.

130784. Nippon Kokan Kabushiki Kaisha. A combustion process and apparatus for blast furnace.

Injecting hot blast which is made to swirl in a blow pipe into the furnace, introducing oxygen or oxygen enriched air which is made to swirl in a burner into the blow pipe and adding fuels to the burner.

130852. Sandoz Ltd. Process for the dyeing of natural and synthetic polyamide fibres.

Characterised by applying to the fibre a complex of a monoazo compound, obtained by coupling the diazo compound of 1-hydroxy-2-amino-4, 6-dichloro benzene with 2-(4'-methoxy phenyl amino)-5-hydroxy naphthalene-7-sulphonic acid, with a compound donating chromium.

130921. Montedison Fibre S.p.A. (formerly known as Chatillon Societa Anonima Italiana Per Le Fibre Tessili Artificiali S.p.A. Continuous process for the preparation of acrylic filaments and fibres with improved dayability and mechanical characteristics.

Characterised in that 80% by weight acrylonitrile polymer filaments from coagulating medium with 10% by weight of solvent are stretched with 3.50 draw ratio and shrunk 25% -45% and then washed dried.

130941. M. S. Khurana. Mini sewing machine.

Characterised in that stitching mechanism of the machine is looper type and the components with the exception of shafts and screws are made from sheet metal by pressing.

131047. Nippon Kayaku Kabushiki Kaisha. Process for the preparation of substituted 4'-nitrodiphenyl ethers.

Condensing an appropriate phenol with p-chloronitrobenzene in the presence of acid binding agent and of desired oxidising the resultant product with an oxidising agent.

131180. Fabric Fire Hose Company. Apparatus for continuous manufacture of reinforced hose.

Characterised by sleeve feed means, an extruder with a coating head, a mandrel, stationary clamping members, travelling sleeve accumulators, wind-up means, travelling clamping members and a pair of annular platens.

131205 Imperial Chemical Industries Limited. A process for separating acid gases in particular carbon dioxide from gaseous mixtures containing such gases. (15th May 1970).

Characterised in that the absorbing solution contains an amino acid or an ester or salt thereof along with an alkaline salt of an alkali metal in a proportion by weight less than that of the alkaline salt.

131240. The Goodyear Tire & Rubber Company. Improvements in belt and belt drive assembly.

Comprises a first layer of resilient material including a plurality of uniformly spaced teeth gene-

rally transversely a second layer of flexible material including a plurality of substantially V-shaped ribs extending generally longitudinally, a tension section embedded therein.

131286. Farbwerke Hoechst Aktiengesellschaft vormals Meister Lucius & Bruning. Process for the preparation of benzoxanthene and benzoethioxanthene dyestuffs.

Comprises heating a benzoxanthene or benzoethioxanthene 3, 4-dicarboxylic acid with a substituted phenyl acetic acid in presence of alkali.

131287. Farbwerke Hoechst Aktiengesellschaft vormals Meister Lucius & Bruning. Process for the preparation of benzoxanthene and benzoethioxanthene dyestuffs.

Comprises heating benzoxanthene or benzoethioxanthene 3, 4-dicarboxylic acid with phenylacetic acid and alkylating the product.

131368. Solvay & Cie, Societe Anonyme. Activation of peroxide washing and bleaching baths.

Process for the activation of peroxide compounds able to liberate active oxygen in aqueous washing and bleaching bath characterised in that an acetylated dioxime is added as an activator.

131378. Agfa-Gevaert N. V. Improvements relating to the preparation of a photographic silver halide emulsion material. (5th June 1970).

A photographic silver halide emulsion material is prepared by following the steps of (1) forming a silver halide dispersing by allowing to react a water soluble silver salt and a water soluble halide in an aqueous solution of a protective hydrophilic colloid (2) flocculating the hydrophilic colloid surrounding the silver halide using a dehydrating agent and (3) separating the flocculate.

131532. Dunlop Holdings Limited formerly known as the Dunlop Company Limited, Pneumatic tyres. (3rd June 1970).

Comprises a tread, a pair of annular beads and sidewalls extending between the tread and the beads and a reinforced strip extending around the bead.

131705. F. L. Muller. A method of preserving raw or partly heat-treated food stuffs and a house hold package for carrying out the same.

Comprises mixing the food stuff with thickening agents having negatively charged molecules, if desired with other fermentation inhibiting materials and storing the food stuff at a temperature range between 25°C and 25°C.

131724. Ciba-Geigy AG. Process for the manufacture of 2, 5-diacylamino-1, 4-benzoquinones.

By direct acylation of 2, 5-diamino-1, 4-benzoquinones with carboxylic acid halides in the presence of a Friedel Crafts catalyst.

131952. W. F. Vijaya. In door device of exercising on simulated rowing machine.

Two long parallel rods connected at front and rear by cross members, on which is mounted an inverted rigid 'U' frame in upstanding position and having a seat capable of moving on four wheels over the said two long rods.

132107. M. C. Gaikwad. Instant profile maker.

Comprising plurality of straight rods, needles or stiff fine thread, held between two flat strips or rectangular frame work, the rods or needles being capable of moving only when pressed against an article for profile.

132459. Dunlop Holdings Limited. Method of improving the thermal stability of polyvinyl halide polymers. (26th August 1970).

Comprises heating a composition, substantially free from elemental sulphur, containing the polymer, a di-thiocarbamate and an acid acceptor to a temperature above 150°C.

132471. M. Varma. Domestic flour dough making device.

Comprising a container, a rotor shaft carrying at least one blade, said blade having a kneading surface and a scraping surface, the said kneading surface facing the bottom of the container.

132496. Industrie Pirelli Societa per Azioni. Tread ring for a tyre of the replaceable tread type. (19th April 1971).

Includes a reinforcement or cincture formed by a helically wound metal cord convoluted parallelly to the mid circumferential plane of the tread ring and by two additional layers of metal cords which extend in two directions crossing the mid circumferential plane.

132809. Dr. Santosh Kumar Gupta. A process for the conversion of mica into pulp suitable for making mica-paper and other materials.

The mica scrap or mica waste being converted into small pieces are preheated, immersed into two solutions, first and second, being stirred and agitated slowly in the second solution, and then washed and sized.

132923. N. Ramachandran. A method of preparing toddy suitable for being bottled or canned.

Comprises subjecting the toddy to heating at a temperature 60—80°C for 20—40 min.

133174. Joseph Lucas (Industries) Limited. Ignition distributors. (30th October 1970).

Comprising a hollow casing, a cam shaft extending within the casing and rotatable therein, and a contact breaker assembly mounted within the casing.

133484. E. Y. Timoshpolsky, B. I. Satavsky, V. N. Tsvetkov and Y. A. Stankevich. Face-Shovel excavator.

Comprises a boom relieved from crowed force mounted on the carrier frame and made of beams, said boom carrying crown blocks mounted at the front end thereof, spherical joints through which the boom beams are interlinked with axle of said crown blocks and flexible ties inter connecting said axle with bottom ends of said beams.

133499. Metallgesellschaft Aktiengesellschaft. Process of producing sponge iron by a direct reduction using solid reducing agents in a rotary kiln.

Characterized in that the charge is partly cooled in the rotary kiln when desired reduction is achieved, at least part of the solid reducing agent having a large proportions of volatile constituent is charged into succeeding zone of the kiln, the reducing agent is devolatilized before the discharge end.

133622. Cabot Corporation. Process for vulcanization of rubber composition.

Comprises mixing 250-100 parts of rubber with 10-250 parts of carbon black with total surface area of 160 m²/g a ratio of non-porous specific surface area to total of 0.9 and vulcanising.

134968. Imperial Chemical Industries Limited. Fuse cord. (17th March 1971).

Comprises an explosive core and an outer layer of elastomeric material formed with external ribs.

Opposition Proceedings

The application for patent No. 118617 made by Tatsuo Fukuoka in respect of which an opposition was entered by Desma Werke GMBH as notified in Part III, Section 2 of the Gazette of India dated the 8th May 1971 has been treated as abandoned.

Patents Sealed

125160 125699 126561 127817 128050 128380 128499 129085
129738 129888 129947 130778 131263.

Registration of Assignments, Licences, etc. (Patents)

Assignments licences or other transactions affecting the interests of the original patentees have been registered in the following cases. The number of each case is followed by the names of the parties claiming interests

125034	—	M/s. Mable Gesellschaft Mit Beschränkter Haftung.
123585	—	M/S. The Tata Iron & Steel Company Limited.
113671	—	M/s. Chubb Fire Security Limited.
98439	}	M/s. Suo Research And Development Co.,
101195		
116916		
118931		
119892		
123505		
123819		

**Patents deemed to be endorsed with the words
"Licences of Right"**

The following patents are deemed to have been endorsed with the words "Licences of right" under Section 87 of the Patents Act, 1970. The dates shown in the crescent brackets are the dates of the patents.

No.	Title of the invention
91209 (9-12-63)	Expandable thermoplastic polymer particles containing volatile fluid foaming agent and method of making the same and multi cellular thermoplastic material containing said particles.
91230 (10-12-63)	Method for inactivating metal contaminant accumulated on refractory oxide catalyst.
91236 (10-12-63)	Method for producing a dewaxed oil fraction.
91250 (10-12-63)	Process for production of rubbery polymers.
91251 (10-12-63)	Urea synthesis process.
91269 (11-12-63)	Process for polymerizing a conjugated diene.
91274 (11-12-63)	Improvements in or relating to catalytic conversion of hydrocarbons.
91297 (13-12-63)	Method for imparting antirust-activity into fuel and lubricant compositions.
91298 (13-12-63)	Process for the preparation of organic phosphites and the organic phosphites so prepared.
91303 (8-3-63)	Water-soluble organic condensation products, methods of making them, and a method of dyeing with vat and Snefwr dyes.
91305 (13-12-63)	Trisazo dyestuffs and process for the manufacture.
91329 (16-12-63)	Process for producing aqueous polymer dispersions.
91341 (16-12-63)	Method and apparatus for gas separation by thin films or membranes.
91373 (17-12-63)	Method for producing epoxy compounds.
91374 (21-12-62)	Improvements in or relating to the manufacture of substantially opened-celled rigid polyurethane foams.
91382 (18-12-63)	Fractional distillation of liquid mixtures of organic materials, vapor phase reaction, distillation apparatus, and vapor phase reaction apparatus.
91383 (18-12-63)	Novel insecticidal compositions comprising dimethyl 2-chloro-1-(dihalophenyl) vinyl phosphates.

No.	Title of the invention
91401 (19-12-63)	Improvements in or relating to smelting processes and apparatus for charging blast furnaces.
91405 (19-12-63)	Method for the manufacture of bis benzoxazole stilbene fluorescent compounds.
91408 (20-12-63)	Method of smelting pig iron.
91421 (20-12-63)	Preparation of chlorinated hydrocarbons.
91423 (21-12-63)	Method of producing a weldable and hardenable steel, and steel produced according to the method.
91431 (23-12-63)	Method and apparatus for producing cellulose.
91454 (24-12-63)	A process for the preparation of dispersions of macromolecular substances.
91455 (24-12-63)	Process for solvent extraction of hydrocarbon oil.
91462 (24-12-63)	Process for the chlorination of methane or methyl chloride.
91466 (24-12-63)	New fiber reactive monoazo dyestuffs, processes for their manufacture, and dyeing textile materials therewith.
91472 (26-12-63)	A process for the preparation of dispersions of macromolecular substances.
91493 (27-12-63)	Catalyst and process for effecting condensation of hydrocarbons.
91515 (28-12-63)	Treatment of titaniferous magnetite and pig iron and vanadium-bearing slag produced thereby.
91516 (28-12-63)	Process for the partial chlorination of methane, methyl chloride and methylene chloride.
91527 (30-12-63)	Novel pesticidal compositions containing organophosphorus compounds.
91567 (2-1-64)	A heat vulcanizable composition and a process for effecting curing of an ethylene propylene copolymer.
91571 (7-10-63)	Improvements relating to methods of treating metal salts with treatment medium.
91594 (3-1-64)	Method and apparatus for recovery of off gas from steel furnaces.
91653 (7-1-64)	Process for preparing polydodecalactam of high molecular weight and articles made thereof.
91654 (7-1-64)	Polyglycide ether and a method of preparing the same.
91655 (8-1-64)	Process for the production of after-chlorinated polyvinyl chloride with increased resistance to heat.
91662 (8-1-64)	Good quality katha and cutch in high yield from khair trees such as Acacia catechu, A catechuoides and A. sundra.
91694 (10-1-64)	Preparations for combatting cotton pests.
91696 (11-4-63)	Stabilization of synthetic rubber composition.
91719 (15-1-64)	Process for the production of disazo dyestuffs which are difficultly soluble in water.
91737 (16-1-64)	Process for protecting organic material from the harmful effects of heat, air and especially ultraviolet rays.
91738 (21-1-63)	Process for the preparation of quinacridone in the form of a pigment.
91765 (17-1-64)	Catalytic composition, method for making same, and process of hydrocracking hydrocarbons with same.

No.	Title of the invention	No.	Title of the invention
91786 (18-1-64)	Improvements in and relating to the production of unsaturated mono-esters.	92054 (3-2-64)	A process for the fractionation of a multi-component hydrocarbon mixture.
91801 (20-1-64)	New nitro-dyestuff pigments and process for their manufacture.	92057 (3-2-64)	Novel catalyst and olefin polymerization therewith.
91806 (20-1-64)	Gel-forming polysaccharide derivatives and their preparation.	92078 (4-2-64)	Process for the production of 1-aryl-3-anilino-5-pyrazolone magnetite-forming couplers.
91816 (20-1-64)	Process for preparing an additive for mineral and synthetic lubricating oil.	92079 (4-2-64)	N-vinyl imidazolines, process for preparing the same and polymers thereof and compositions containing same.
91821 (20-1-64)	Disproportionation of olefins.	92080 (4-2-64)	Process for preparing 1-4-cis-butadiene high polymers.
91824 (20-1-64)	Process and apparatus for washing and industrial purification of crystalline substances having impurities.	92093 (4-2-64)	Vulcanizable compositions based on olefin polymer or copolymer and a process for preparing them.
91831 (21-1-64)	Pesticidal preparations.	92096 (4-2-64)	A process for the polymerization of olefins.
91832 (21-1-64)	Water-insoluble monoazo dyestuffs and process for their manufacture.	92097 (4-2-64)	A process for the polymerization of olefins.
91839 (21-1-64)	Polyester resins and process for preparing them.	92098 (4-2-64)	A process for the polymerization of olefins.
91901 (24-1-64)	Agglomeration and concentration of synthetic latex and the resulting products.	92101 (5-2-64)	Combined process for hydrocracking of hydrocarbons.
91906 (2-1-64)	A new process to manufacture without the use of sulphuric acid a complex fertilizer containing nitrogen and phosphorus as plant nutrients in a readily available form, from rock phosphate, nitric acid and urea.	92102 (5-2-64)	Weed killing agent and composition containing same.
91913 (25-1-64)	Improvements in a process for preparing polyesters.	92123 (6-2-64)	Method of producing epoxy compounds.
91925 (28-1-64)	Method of preparing copolyester compositions.	92146 (7-2-64)	Process for the production of monoazo dyes and textile materials dyed, padded or printed therewith.
91928 (26-1-63)	Improvements in or relating to the purification of hydrogen-containing mixtures.	92154 (13-2-63)	Process for the removal of terpyridyl impurity from a bipyridyl.
91929 (26-1-63)	Improvements in or relating to the treatment of molten metal.	92160 (7-2-64)	A process for the extractive fractionation of hydrocarbon mixtures containing aromatics.
91931 (31-1-63)	Improvements in and relating to the gasification of solid carbonaceous fuel.	92177 (10-2-64)	Process for preparing monoazo dyestuffs and fibres dyed, padded and printed therewith.
91934 (11-12-63)	A process for the production of new type of calcined claypigments.	92200 (13-11-63)	Polymer composition and a process for preparing it.
91940 (28-1-64)	Process for the preparation of polyurethane and a polymer composition containing them.	92204 (13-11-63)	Process for stabilizing a normally solid oxymethylene copolymer.
91958 (29-1-64)	New monoazo dyestuffs, process for their manufacture and dyeing textile materials therewith.	92205 (13-11-63)	Process for the production of a normally solid thermoplastic oxymethylene polymer.
91964 (29-1-64)	The preparation of cyclohexanol and cyclohexanone.	92206 (13-11-64)	Polymer stabilization.
91965 (29-1-64)	Process for promoting non-exothermic interaction between a gas and a metal-containing material.	92221 (11-2-64)	Process for preparing oil-soluble, basic metal compositions.
91967 (4-2-63)	Manufacture of polymers.	92232 (11-2-64)	Process for vulcanizing compositions based on olefinic polymers and copolymers.
91984 (29-1-64)	Process for the continuous manufacture of copolyetheresters.	92239 (20-12-63)	Process for the production of impact-resistant thermoplastic graft copolymers.
91993 (30-1-64)	A method of precipitating finely divided solids suspended in an aqueous medium.	92248 (12-2-64)	A process for the separation of a liquid and/or gas mixture with the aid of sulpholane.
91995 (30-1-64)	Process for the preparation of 1, 2-dichloropropene pyridinium salts, compounds so prepared and aqueous acid electrolytic nickel bath containing the same for electroplating nickel.	92270 (13-2-64)	Incorporating large amount of particulate solids in organic liquids.
92026 (31-1-64)	Improvements in or relating to core oils, cores and moulds and method of making the same.	92280 (14-2-64)	Process for the production of dispersion dyestuffs which are difficultly soluble in water suitable for dyeing or printing of hydrophobic organic fibres.
92039 (1-2-64)	New hydroxyphenyl-1, 3, 5, triazines, process for their preparation and their use.	92281 (1-2-64)	Process for the production of dispersion dyestuffs which are difficultly soluble in water, suitable for the dyeing or printing of hydrophobic organic fibres.
		92312 (17-2-64)	Melamine synthesis.

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Restoration Proceedings

Notice is hereby given that an application was made under Section 60 of the Patents Act, 1970 for the restoration of Patent No. 111026 granted to Ibcon Private Limited for an invention relating to "A flushing cistern". The patent ceased on the 9th June, 1972 due to non-payment of renewal fees within the prescribed time and the cessation of the patent was notified in the Gazette of India, Part III, Section 2, dated the 3rd February, 1973.

Any interested person may give notice of opposition to the restoration by leaving a notice on Form 32 in duplicate with the Controller of Patents, the Patent Office, 214 Acharya Jagadish Bose Road, Calcutta-17, on or before the 24th May, 1973 under Rule 69 of the Patents Rules, 1972. A written statement in triplicate setting out the nature of the opponent's interest, the facts upon which he bases his case and the relief he seeks, shall be filed with the notice or within one month from the date of the notice.

Registration of Designs

The following designs have been registered. They are not open to inspection for a period of two years from the date of registration except as provided for in Section 50 of the Indian Patents and Designs Act.

The date shown in each entry is the date of registration of the design including in the entry.

Class 1. Nos. 140115 to 140118. Akg Akustische u. Kinogeräte Gesellschaft m.b.H. an Austrian Company, Brunnhildengasse 1, Wien 15, Austria, "A microphone and mounting therefor", August 3, 1972.

Class 1. No. 140128. Jaedish Chander Chowla. (An Indian Subject), 1200-Bahadurgarh Road, Delhi, "Exhaust Fan", August 7, 1972.

Class 1. 140175. Phillips India Limited, Shivsagar Estate, Block "A", Dr. Annie Besant Road, Worli, Bombay-18 (WB), Maharashtra State, India, an Indian Company, "A flood light fitting", August 28, 1972.

Class 1. No. 140179. Phillips India Limited, Shivsagar Estate, Block "A", Dr. Annie Besant Road, Worli, Bombay-18 (WB), Maharashtra State, India, an Indian Company, "A flood light fitting", August 28, 1972.

Class 1. No. 140205. Madanlal Kedarnath Gupta, Indian National 20, Wadi Bunder Road, Mazgaon, Bombay-10, Maharashtra, India. "A tea pot", September 4, 1972.

Class 1. No. 140206. Madanlal Kedarnath Gupta, Indian National 20, Wadi Bunder Road, Mazgaon, Bombay-10, Maharashtra, India, "A sugar pot", September 4, 1972.

Class 1. Nos. 140332 and 140333. Mayur Manufacturers, (an Indian Partnership Firm), Shed No. 7, Agarwal

Industrial Estate, S. V. Road, Dahisar (East), Bombay-68, Maharashtra, India, "Hair clip/grip", October 23, 1972.

Class 1. No. 140352, Jagjivandas & Co., an Indian Partnership Firm, carrying on business at 15, Bada Mandir Gaushala, 3rd Bhoiwada, Bombay-400002, Maharashtra, India "Tray", November 3, 1972.

Class 1. No. 140355, Jagjivandas & Co. an India Partnership Firm, 15, Bada Mendar Gaushala, 3rd Bhoiwada, Bombay-400002, Maharashtra, India, "Tiffin carrier", November 3, 1972.

Class 3. No. 140090, Mettur Beardsell Limited, 3rd Floor, Bombay Mutual Building, N.S.C. Bose Road, P.B. No. 7, Madras-1, a Public Limited Company registered under the Indian Companies Act, 1956, "Picnic boxes", August 2, 1972.

Class 3. No. 140091, Mettur Beardsell Limited, 3rd Floor, Bombay Mutual Building, NSC Bose Road, P.B. No. 7, Madras-1 a Public Limited Company registered under the Indian Companies Act, 1956, "Ice boxes", August 2, 1972.

Class 3. No. 140092, Mettur Beardsell Limited, 3rd Floor Bombay Mutual Building, N.S.C. Bose Road, P.B. No. 7, Madras-1, a Public Limited Company registered under the Indian Companies Act, 1956, "Ice buckets", August 2, 1972.

Class 3. No. 130093, Mettur Beardsell Limited, 3rd Floor, Bombay Mutual Building, N.S.C. Bose Road, P.B. No. 7, Madras-1, a Public Limited Company registered under the Indian Companies Act, 1956, "Bottle flask", August 2, 1972.

Class 3. Nos. 140107 to 140113, Precious Industries, (an Indian Partnership Firm), 32, Bombay Talkies Compound, Malad (West), Bombay-64, Maharashtra State, "Electric switch", August 3, 1972.

Class 3. No. 140121 Ruby Rubber Works Ltd., a Public Limited Indian Company Rubynagar P.O., Changanacherry, Kerala State, S. India, "A tyre", August 4, 1972.

Class 3. No. 140127, Sunshine Industries, an Indian Sole proprietors concern, 250, D Udyog Bhavan, Worly, Bombay-400025, Maharashtra, "Tooth-Brush", August 7, 1972.

Class 3. No. 140196, Asian Advertisers, (an Indian Partnership Firm) 20, Kala Bhavan, 4th floor, 3, Mathew Road, Opera House, Bombay-4 (Maharashtra), "Foot scale", August 30, 1972.

Class 4. No. 140134, Beecham Group Limited, a British Company, Beecham House, Great West Road, Brentford, Middlesex, England, "A bottle", February 21, 1972 (U.K.).

Class 5. No. 140114, Navbharat Radio Agencies (an Indian Proprietary concern), 350, Lamington Road, near Police Station, Bombay-7, Maharashtra State, "Carton", August 3, 1972.

Class 10. No. 140161, Dunlop Limited, a British Company Dunlop House Ryder Street, St. James's, London, C.W. 1, England, "Footwear", March 4, 1972, (U.K.).

Class 12. No. 140342 and 140343, Prakash Food Industries, Baranpura, Baroda-1, Gujarat State, (An Indian Partnership Firm), "Biscuit", October 30, 1972.

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 National-Southwire Aluminium Co.—340/Cal-73.
 Navakodi, S. A. R.—337/Cal-73, 418/Cal-73.
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O

Onoda Cement Co. Ltd.—300/Cal-73.
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P

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R

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S

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Science Union et Cie. Societe Francaise de Recherche.—267/Cal-73.
Shell Internationale Research Maatschappij B. V.—400/Cal-73.
Sherritt Gordon Mines Ltd.—234/Cal-73.
Shining Industries.—435/Cal-73.
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Societe Fives Lille-Cail.—259/Cal-73.
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T

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U

Ube Industries, Ltd.—235/Cal-73, 288/Cal-73.
Union Carbide Corpn.—392/Cal-73.
United Aircraft Corpn.—329/Cal-73.
Universal Oil Products Co.—379/Cal-73.
Uss Engineers and Consultants, Inc.—415/Cal-73.

V

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Veb Filmfabrik Wolfen.—261/Cal-73.
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Vsesojuzny Nauchno-Issledovatel'sky i Proektny Institut Aljuminiovoj.—412/Cal-73.
Vsesojuzny Oboena Trudovogo Krasnogo Znamenii Nauchno-Issledovatel'sky Institut Burovoi Tekhniki.—318/Cal-73.

W

Weisbrem, L.—285/Cal-73.
Westdeutsche Getriebewerke GmbH.—236/Cal-73.
Westinghouse Electric Corpn.—376/Cal-73.
Wiggins Teape Ltd.—356/Cal-73.
Wright, D. C.—416/Cal-73.
Wrips (P) Ltd.—26/Mas-73.

S. VEDARAMAN,
Controller-General of Patents,
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